



DEKO FG

Fully glazed partition - An open environment





DEKO FG - Daylight is maximised

Daylight plays an important role in ensuring well-being. Interior trends have developed dramatically in recent years leaving small, badly lit offices behind in favour of large, open environments with optimal use of natural light, enhancing comfort, job satisfaction, and communications.

Areas formed with DEKO FG fully glazed partitioning create a light, spacious, and attractive environment in large or small rooms in either new or existing buildings.

DEKO FG is flexible and adaptable to meet individual requirements of height, module size, degree of privacy required, etc.



Slim single glazed partition

DEKO FG is a slim single glazed partition made with 10, 12, or 15 mm toughened clear safety glass. The system is compatible with other types of glass including coloured, frosted, laminated or fire and sound rated glass.

Glazed modules are produced individually for each project. Their size and thickness is dictated by the height of the partition and the weight of the elements.



Design features

Fully glazed full-height elements are finished with slim aluminium profiles.

Prefabricated joint strips are inserted where glass meets floor and ceiling, providing minimalistic detailing.

Vertical joints between glazed elements can be achieved in three different ways: with a profile joint, a sealed joint, or an open joint.

The profile joint consists of a 20 mm aluminium profile fitted with soft joint strips. A similar profile is used for corners and T-joints.

All profiles are produced in natural anodised aluminium, but can be powder coated in other colours if required.



If a sealed joint is preferred, a 3 mm prefabricated clear silicone strip is used at the glass joints. The joint strip offers a secure, but unobtrusive joint detail.

If an open joint is preferred, the glazed elements are not joined mechanically, but are installed leaving a 3-5 mm gap in between.

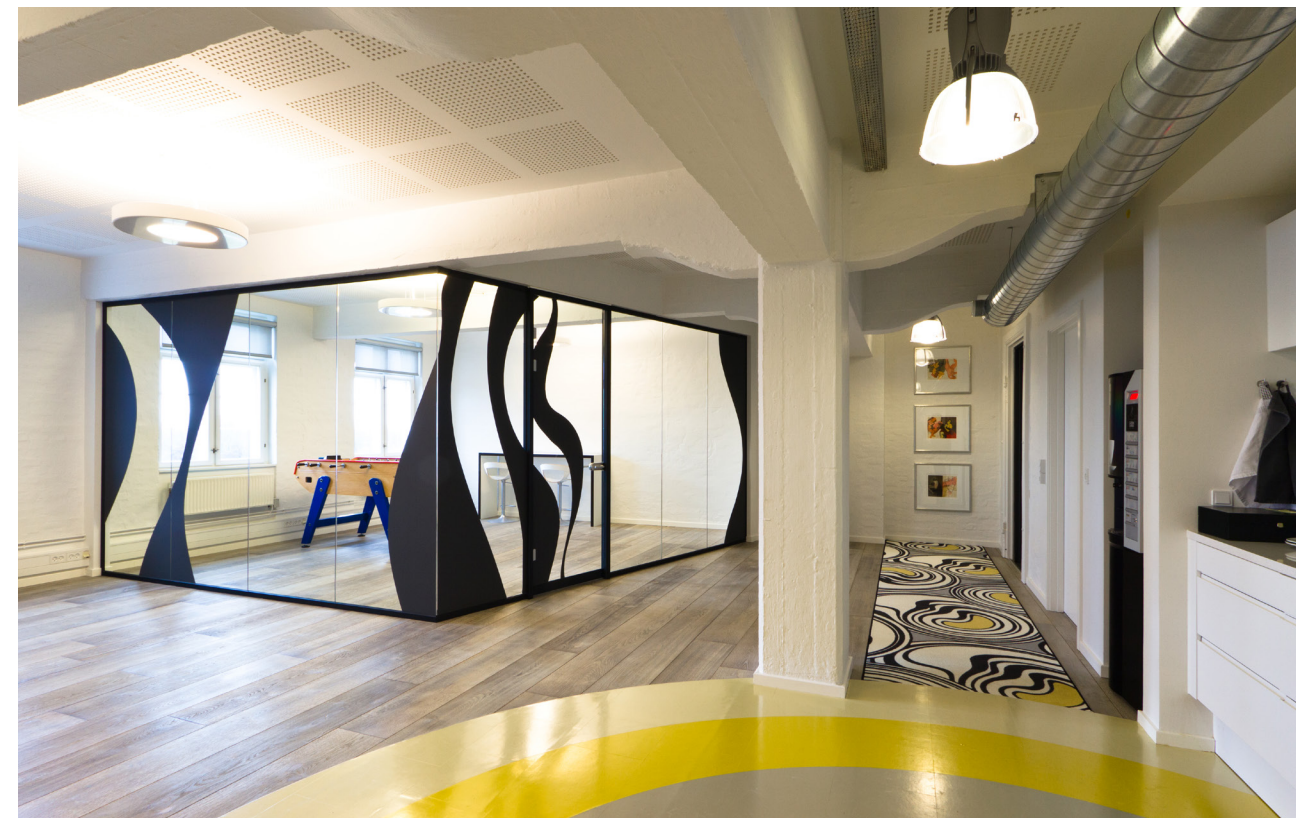
In line with our product philosophy all joints allow for easy demounting and replacement if alterations are required.



A complete door system

Sliding doors, pivot operated doors, and doors in aluminium frames can be fitted into DEKO FG partitions. The aluminium frame used is designed to offer high stability, making it possible to incorporate fully glazed doors, glass framed doors, solid wooden doors or the elegant DEKO DG glazed doors. The choice of door depends on the requirements for function, sound, design and possibly transparency.





Sound reduction certified

In light and spacious working environments people still need a quiet environment in order to concentrate. DEKO have strived to optimise the sound reduction for DEKO FG partitions. It is, therefore, possible to install various types of glass, depending on requirements.

The sound reduction varies depending on the type of door selected, best results are achieved when using the DEKO FG aluminium frame.

If high sound classifications are required we recommend DEKO GV and DEKO FG2, both with double layers of glass, or alternatively DEKO FG Silent.



Decoration

A large glazed surface has its advantage, but due to reasons of safety or privacy, decoration may be required.

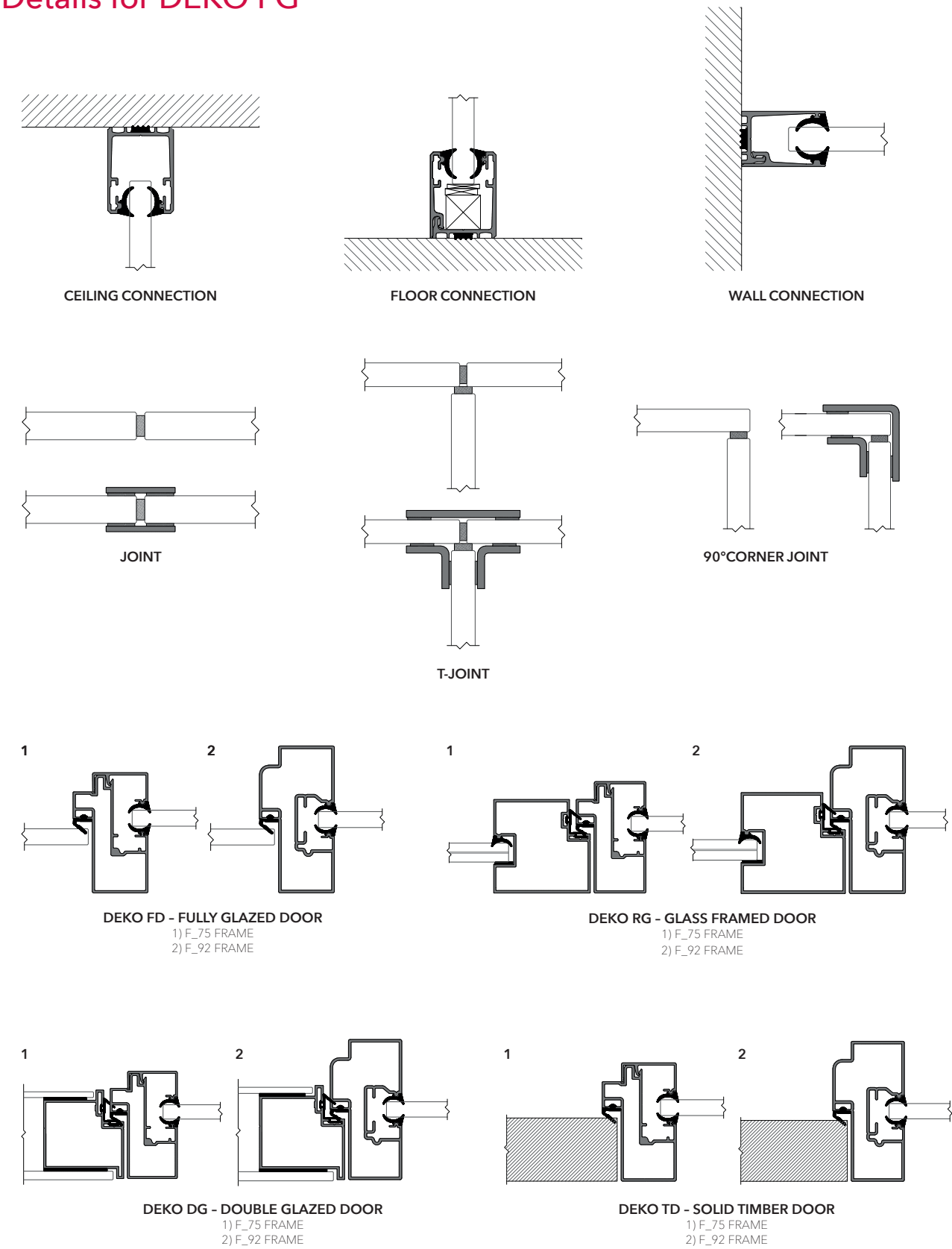
If privacy is required we recommend using frosted or digital printed glass or applying silk screen prints or film to the glass. Designs can take form of stripes, patterns, or text. It is also possible to cover large areas of glass to use it as whiteboard. Privacy can also be achieved with the application of blinds and drapes.

The application of applied film is normally a post installation activity and the designs can be changed easily as requirements change.

Switchable glass is also an option where the glass is clear, turning opaque and offering complete privacy at the flick of a switch.



Details for DEKO FG



Type summary

Product	Connection type	Sound insulation	Partition thickness	Glass thickness	Glazed panels	Weight	Fire resistance
DEKO FG	Clear	Up to Rw 38 dB ¹	30 mm	10-12,76 mm	1	28-35 kg/m ²	Unclassified
DEKO FG	Clear	Up to Rw 41 dB ¹	40 mm	16,76-21,52 mm	1	45-57 kg/m ²	Unclassified
DEKO FG	Profile	Up to Rw 38 dB ¹	30 mm	10-12,76 mm	1	28-35 kg/m ²	Unclassified
DEKO FG	Profile	Up to Rw 41dB ¹	40 mm	16,76-21,52 mm	1	45-57 kg/m ²	Unclassified

1) The airborne sound insulation of the glazed element depends, among other things, on the type of glass installed.



DEKO partitions llp of Denmark was established in 1970 and presently has approximately 300 employees. DEKO is the leading producer of demountable, glazed, and folding partitions in Scandinavia and distributes its product range to more than 50 countries worldwide including Europe, Africa, and Asia in co-operation with established local distributors.



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